

MOTION NO. 2017 0466


MOTION by Council Member Robinson that the recommendation of the Director of the Finance Department, for approval of the Fiscal Year 2018-2022 Capital Improvement Plan and to establish a charge for copies, be adopted, and the 2018-2022 Capital Improvement Plan as amended by Motion Nos. 2017-0463, 2017-0464 and 2017-0465 is hereby approved by the City Council, and a charge of \$75.00, plus tax and postage per book to cover printing costs and a charge of \$5.00 plus postage for a CD version, are hereby established for the sale of said documents.

Seconded by Council Member Green and carried.

Mayor Turner, Council Members Stardig, Davis, Cohen,
Boykins, Martin, Travis, Cisneros, Gallegos, Green,
Knox, Robinson, Kubosh, Edwards and Christie
voting aye
Council Member Laster voting no
Council Member Le absent

PASSED AND ADOPTED this 19th day of July, 2017.

Pursuant to Article VI, Section 6 of the City Charter, the
effective date of the foregoing motion is July 25, 2017.


City Secretary

ACKNOWLEDGEMENTS

Finance Department

Kelly Dowe, Chief Business Officer

Melissa Dubowski, Assistant Director

Public Works and Engineering

Carol Haddock, Interim Director

General Services Department

Clyde J. Messiah, Director

Richard Vella, Assistant Director

Houston Airport System

Mario Diaz, Director

Department CIP Coordinators and Support Staff

Lisa Johnson, General Services

Carter Roper, Library

Alpna (Simmi) Khana, Airport

Charlie Lee, Solid Waste

Joanne Song, Solid Waste

Mark Board, Public Works

Al Owens, Fleet Management

Chief M. Donovan, Fire

LaDonna Weems, Information Technology

Mary Thomas, Fire

Calvin Curtis, General Services

James Reddington, General Services

Joseph Fenninger, Police

Larry Jaskolka, Police

Claudette Manning, Public Health

Margaret Colligan, Housing

Mary Itz, Housing

Treasury and Capital Management Division, Finance Department

Jaime Alvarez

James Clay

Viviaan Alba-Cruz

Christopher Gonzales

Marnita Holligan

Veronica Lizama

Samiah Usmani

Image Solutions

Willie Sue Hamilton

CITY OF HOUSTON ELECTED OFFICIALS

Sylvester Turner	Mayor
Chris B. Brown	City Controller
Brenda Stardig	District A
Jerry Davis	District B
Ellen R. Cohen	District C
Dwight A. Boykins	District D
Dave Martin	District E
Steve Le	District F
Greg Travis	District G
Karla Cisneros	District H
Robert Gallegos	District I
Mike Laster	District J
Larry V. Green	District K
Mike Knox	At Large Position 1
David W. Robinson	At Large Position 2
Michael Kubosh	At Large Position 3
Amanda K. Edwards	At Large Position 4
Jack Christie, D.C.	At Large Position 5

CITY OF HOUSTON DEPARTMENT DIRECTORS

Departments	Directors
Administration and Regulatory Affairs	Tina Paez
Aviation	Mario C. Diaz
City Secretary	Anna Russell
Finance	Kelly Dowe
Fire	Samuel Pena
Fleet Management	Victor Ayres
General Services	Clyde J. Messiah
Houston Health Department	Stephen L. Williams
Housing and Community Development	Tom McCasland
Houston Emergency Center	David F. Cutler
Human Resources	Jane Cheeks
Information Technology	Lisa Kent
Legal	Ronald Lewis
Library	Rhea Brown Lawson
Municipal Courts	J. Elaine Marshall
Neighborhoods	TaKasha L. Francis
Office of Business Opportunity	Carlecia Wright
Parks & Recreation	Stephen Wright
Planning & Development	Patrick Walsh
Police	Art Acevedo
Public Works and Engineering	Carol Haddock(Interim)
Solid Waste Management	Harry Hayes

Abstract

The Fiscal Year 2018 - 2022 Capital Improvement Plan (CIP) is a forward - looking document outlining the City of Houston's infrastructure improvement strategy. This plan organizes projects by priority, project capacity and timing constraints and identifies funding sources for all anticipated projects. This organization creates a realistic plan to address the current and expected infrastructure needs of Houston that are subject to resource constraints.

The Executive Summary book is organized by department. Each section provides a summary of funding sources (Form D), and an expanded list of funding sources by project (Form C). Departments that have projects that are related to other departments will also include a "Form R" located behind Form Cs. For example, the HPD Body Cameras project is located in the Information Technology section because of its technological element but referenced on the Houston Police Department's Form R because HPD is the requesting department.

For each project identified in the Form C, a detail page (Form A) is provided in the separate Capital Project Profiles Book in project number order. The Form A provides specific information for each project including description, justification, and location.

EXECUTIVE SUMMARY

The Capital Improvement Plan is vital to our City. It is a plan for physical improvements to public facilities and infrastructure throughout Houston. The underlying motive behind these programs is to improve safety, mobility, and lifestyles of Houstonians, and in turn to have a positive impact on the local economy. Recognition of this importance prompted City Council in November 1983 to establish the five-year capital improvement planning process. By resolution, it became City policy to engage in a continuous process that includes annual review, revision, and adoption of a five year Capital Improvement Plan. Public meetings are also held annually in each City Council District to provide citizens an opportunity to comment on the process and recommend projects to be included in the plan.

The five-year CIP is revised annually to include new projects, reflect changes in priorities, and extend the plan an additional year. The first year of the plan is the City's current fiscal year, which runs from July 1, 2017 through June 30, 2018. The plan is adjusted throughout the year as needs dictate or when changes are made to existing approved projects. This year's CIP continues the Administration's priorities of rehabilitation and replacement of the City's existing infrastructure. The current Adopted CIP can be viewed online at <http://houstontx.gov/cip>.

Major CIP Components:

- Public Improvement Program (PIP)
General Fund departments including Bayou Greenways, Fire, General Government, Housing, Library, Parks, Police, Public Health, and Solid Waste.
- ReBuild Houston
Storm Drainage and Street & Traffic
- Enterprise Funds
Combined Utility System (Wastewater and Water) and Aviation.
- Component Units
Legally separate organizations from the City that are financially closely related.

Major Funding Sources:

- Public Improvement Program (PIP)
 - General Fund supported debt (Public Improvement Bonds)
 - Other community donations, contributions and grants
- Rebuild Houston
 - Revenue from Drainage Utility Fee & Developer Impact Fee
 - Other governmental entities such as METRO and TxDOT
- Enterprise Fund Program
 - CUS revenues derived from water customers, grants, etc.
 - HAS revenues derived from airlines, parking fees, FAA grants, etc.
 - Revenues may fund projects directly or support associated debt
- Component Units
 - Tax Increments, Private donations

EXECUTIVE SUMMARY

The \$2.3 billion FY 2018 Capital Improvement Plan comprises of:

- Enterprise Programs total \$1.9 billion (including ReBuild Houston)
- Public Improvement Programs total \$186 million
- Component Units total \$225 million

<u>Plan Comparison (\$ millions)</u>	<u>FY17</u>		<u>FY18</u>	
Public Improvement Program*	202	9%	186	8%
ReBuild Houston	271	12%	253	11%
Combined Utility System	751	35%	861	37%
Houston Airport System	731	34%	797	34%
Component Units**	216	10%	225	10%
TOTAL	2,171	100%	2,322	100%

*Includes Citywide Programs such as Information Technology, Fleet, and Equipment.

**Net of overlap with Public Improvement Programs

FISCAL YEAR 2018 - 2022 CAPITAL IMPROVEMENT PLAN

All Funding Sources						
Fiscal Year Planned Appropriations (\$ Thousands)						
	2018	2019	2020	2021	2022	2018-2022
Public Improvement Programs						
Bayou Greenways	37,523	33,064	43,143	-	-	113,729
Fire	8,586	15,013	10,642	7,337	7,975	49,553
General Government	13,673	57,943	4,905	11,941	7,701	96,163
Health	10,669	27,871	13,286	19,923	2,482	74,231
Homeless & Housing	1,100	1,100	1,100	1,100	-	4,400
Library	2,797	8,969	3,980	2,284	2,257	20,287
Parks and Recreation	47,016	11,232	9,467	11,601	26,097	105,412
Police	6,360	8,325	17,659	14,682	6,971	53,997
Solid Waste Management	4,926	10,644	1,486	1,569	1,296	19,922
Subtotal	132,649	174,161	105,667	70,438	54,779	537,694
Enterprise Programs						
Aviation Facilities	797,260	717,597	452,541	37,852	49,639	2,054,889
Storm Drainage System	63,744	93,551	96,706	93,654	161,954	509,609
Street & Traffic Control	189,290	138,597	159,682	177,140	119,920	784,629
Wastewater	184,999	185,001	185,000	204,255	205,000	964,255
Water	676,386	1,088,882	282,048	189,010	157,382	2,393,707
Subtotal	1,911,679	2,223,627	1,175,978	701,911	693,895	6,707,090
Citywide Programs						
Technology	15,025	6,449	8,257	3,268	9,084	42,083
Fleet	38,234	35,710	38,006	39,115	41,364	192,428
Subtotal	53,259	42,158	46,263	42,382	50,448	234,511
City Programs Total	2,097,588	2,439,946	1,327,908	814,731	799,122	7,479,295
Component Units	269,775	310,341	263,560	130,019	12,556	986,251
Overlap Between Component Units and Public Improvement Programs	(44,395)	(34,411)	(56,296)	(4,500)	-	(139,601)
Grand Total	2,322,968	2,715,876	1,535,173	940,250	811,678	8,325,944

FISCAL YEAR 2018-2022 CAPITAL IMPROVEMENT PLAN

General Obligation Bond Summary Fiscal Year Planned Appropriations (\$ Thousands)							Leverage of Non-Debt Funding
	2018	2019	2020	2021	2022	2018-2022	
Public Improvement Programs							
Bayou Greenways	12,457	18,600	17,283	-	-	48,339	57%
Fire*	8,586	15,013	10,642	7,337	7,975	49,553	0%
General Government (*)**	13,673	57,943	4,905	11,941	7,701	96,163	0%
Health*	10,669	27,871	13,286	19,923	2,482	74,231	0%
Homeless & Housing	1,100	1,100	1,100	1,100	-	4,400	0%
Library *	2,797	8,969	3,980	2,284	2,257	20,287	0%
Parks and Recreation*	15,980	6,306	6,367	7,300	23,694	59,646	43%
Police*	6,340	6,958	5,486	13,162	6,951	38,897	28%
Solid Waste Management *	4,926	10,644	1,486	1,569	1,296	19,922	0%
Subtotal	76,527	153,404	64,534	64,617	52,356	411,438	23%
Citywide Programs							
Technology	14,975	6,449	8,257	3,268	9,084	42,033	0%
Fleet	18,858	18,959	19,060	19,173	20,773	96,823	50%
Subtotal	33,833	25,408	27,317	22,441	29,857	138,856	41%
Total	110,361	178,811	91,851	87,057	82,213	550,294	
Projects with a Dedicated Funding Source for Debt Service **	(2,000)	(2,000)	(2,000)	-	-	(6,000)	
Grand Total	108,361	176,811	89,851	87,057	82,213	544,294	
Principal Payable from Ad Valorem Taxes on Existing Debt	216,579	223,244	229,684	207,994	199,464	1,076,965	
Net Increase (Decrease) to Outstanding Debt	(108,218)	(46,433)	(139,833)	(120,937)	(117,251)	(532,671)	

* Based on projections, these programs will require a Future Bond Election to fund Fiscal Years 2018 - 2022 which is expected as bond elections are typically structured to last approximately 5 years. The 2012 Bond Election therefore was expected to fund FY2013 - 2017. The CIP would require a Future Bond Election to occur in November 2017.

** Fund 1850 is used for projects that are expected to generate sufficient revenues or expenditure savings such that those revenues or expenditures savings will be used directly to cover associated debt service, and therefore, does not rely on the "Transfer to PIB Bonds Debt Service" from the General Fund.

2018-2022 CAPITAL IMPROVEMENT PLAN**All Funding Sources by Fund****Fiscal Year Planned Appropriations (\$ Thousands)**

Source of Funds	2018	2019	2020	2021	2022	2018-2022
1001 - Project Cost Recovery	84					84
1800 - Equipment Acquisition Consolidated Fund	38,393	30,548	36,791	33,419	36,163	175,315
1801 - Dangerous Bldg Consolidated Fund	1,000	1,000	1,000	1,000	2,000	6,000
1850 - Reimbursement of Equipment/Projects Fund	2,000	2,000	2,000			6,000
2002 - Health Special Revenue	70	36	74	76	79	336
2009 - Swimming Pool Safety		36	37	76	79	228
2104 - Parks Golf Special	240	147	151	262	416	1,216
2106 - Bayou Greenway 2020	327	110	146	142	227	953
2207 - Municipal Court Technology Fund	50					50
2301 - Building Inspection Fund	1,642	1,081	1,074	1,035	1,035	5,867
2302 - Stormwater Fund	2,671					2,671
2310 - Dedicated Drainage & Street Renewal	3,945	689	3,122	3,577	3,577	14,911
2423 - Special Waste Transportation & Inspect	70	36	37	76	118	338
4035 - Parks & Recreation Dedication Fund	100	100	100	100		400
4040A - Metro Construction - Other	6,120	5,205	5,309	5,417	5,500	27,551
4040 - METRO Projects Construction - DDSRF	60,569	62,964	64,205	65,431	65,528	318,696
4042 - Street & Trfc Control & Strm Drain DDSRF	146,998	144,001	147,681	167,676	202,964	809,319
4500 - Fire Consolidated Construction Fund	6,416	12,113	7,742	4,437	1,700	32,408
4501 - Homeless & Housing Consolidated Fund	1,100	1,100	1,100	1,100		4,400
4502 - Parks Consolidated Construction Fund	31,359	24,906	23,649	6,034		85,948
4503 - Solid Waste Consolidated Construction Fd	3,624	1,032				4,656
4504 - Police Consolidated Construction Fund	4,931	5,747	3,552	11,228	2,171	27,629
4507 - Public Library Consolidated Constr Fund	1,790					1,790
4508 - Public Health Consolidated Constr Fund	10,613	1,012				11,624
4509 - General Improvement Consol Constr Fd	3,666	1,840				5,506
5030 - Federal State Local - Pass Through Fund	90					90
5430 - Federal State Local -PWE Pass thru DDSR		13,778	11,520	19,799		45,097
5430 - Proposed HUD	1,000	1,000	1,000	1,000	1,000	5,000
8011 - HAS-Airports Improvement	189,774	95,870	198,562	19,330	37,915	541,451
8012 - HAS-AIF Capital Outlay	4,183	2,281	2,455	2,528	2,528	13,974
8305 - PWE-Combined Utility System Gen Pur Fund	5,728	12,165	11,724	12,077	12,438	54,133
8500 - PWE-W&S Syst Consolidated Constr Fd	360,592	369,997	326,260	391,897	362,382	1,811,129
8505 Prop W&S Cont.	346,717	610,055	9,182			965,954
8506 Proposed TWDB	11,541	125,707	1,399			138,647

2018-2022 CAPITAL IMPROVEMENT PLAN**All Funding Sources by Fund**

Fiscal Year Planned Appropriations (\$ Thousands)

Source of Funds	2018	2019	2020	2021	2022	2018-2022
8507 Water Auth NETL	67,941	105,377				173,318
8508 Proposed TWDB	48,760	62,745				111,505
8509 Water Auth SETL	16,432		86,467	16		102,915
8510 PWE SETL Constr	9,403		43,740	1,351		54,494
8700 - Parking Mangement Operating Fund	325	169	124	91	94	804
Bond Proceeds	400					400
FAA/AIP	4,188	10,125				14,313
Frd's Of Lee LeClear		376	2,000	1,000		3,376
Ft Bend Participate			500			500
Future Bond Election	5,469	97,514	16,017	29,839	40,179	189,017
Grants	59,487	63,917	30,020	1,220	2,423	157,067
Harris County Part.	1,018					1,018
Houston First Corporation	16,374	26,648	20,932	9,409	12,556	85,919
Houston Zoo, Inc.	13,150	36,500	42,550			92,200
HPB Fundraising	26,902	14,464	25,860			67,226
Other	8,000	7,000	18,000	24,500		57,500
Private Funding	27,100	3,450		201		30,751
Prop. Harris County		4,258				4,258
REV BONDS/CP	591,871	601,792	253,979	18,522	8,625	1,474,789
R&R	11,427	9,810			3,099	24,336
Spring ISD Increment	500	500	500	500		2,000
TIRZ	129,489	143,732	108,435	94,410		476,066
TXDOT-5430			26,174	11,471	6,882	44,527
TXDOT-9999	37,330	942				38,272
Grand Total:	2,322,968	2,715,876	1,535,172	940,250	811,678	8,325,944



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